

SEQUENCE LISTING

<110> CHOO, YEN
ISALAN, MARK

<120> NUCLEIC ACID BINDING PROTEINS

<130> 71278/273884

<140> 09/646,353

<141> 2000-09-17

<150> GB 9805576.7

<151> 1998-03-17

<150> GB 9806895.0

<151> 1998-03-31

<150> GB 9807246.5

<151> 1998-04-03

<160> 38

<170> PatentIn Ver. 2.1

<210> 1

<211> 26

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 1

Pro	Tyr	Lys	Cys	Pro	Glu	Cys	Gly	Lys	Ser	Phe	Ser	Gln	Lys	Ser	Asp
1				5				10					15		

Leu	Val	Lys	His	Gln	Arg	Thr	His	Thr	Gly
			20					25	

<210> 2

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 2

Pro	Tyr	Lys	Cys	Ser	Glu	Cys	Gly	Lys	Ala	Phe	Ser	Gln	Lys	Ser	Asn
1				5				10					15		

Leu	Thr	Arg	His	Gln	Arg	Ile	His	Thr	Gly	Glu	Lys	Pro
			20					25				

<210> 3

<211> 5



<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 3
 Thr Gly Glu Lys Pro
 1 5

<210> 4
 <211> 9
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<220>
 <221> misc_feature
 <222> (5)
 <223> 5-METHYL CYTOSINE, THYMINE OR CYTOSINE

<400> 4
 gcggnggcg

9

<210> 5
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Zinc Finger
 peptide

<400> 5
 Arg Glu Asp Val Leu Ile Arg His Gly Lys
 1 5 10

<210> 6
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 6
 Arg Ala Asp Ala Leu Met Val His Lys Arg
 1 5 10

<210> 7
 <211> 10

<212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 7
 Arg Gly Pro Asp Leu Ala Arg His Gly Arg
 1 5 10

<210> 8
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 8
 Arg Ala Asp Ala Leu Met Val His Lys Arg
 1 5 10

<210> 9
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 9
 Arg Gly Pro Asp Leu Ala Arg His Gly Arg
 1 5 10

<210> 10
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 10
 Arg Glu Asp Val Leu Ile Arg His Gly Lys
 1 5 10

<210> 11
 <211> 60
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 11
ctcctgcagt tggacctgtg ccatggccgg ctgggccgca tagaatggaa caactaaagc 60

<210> 12
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> misc_feature
<222> (8)..(11)
<223> GGMC or GMGC, WHERE M IS 5-METHYL CYTOSINE

<400> 12
tatagtgnnn nggcgtgtca cagtcagtcc acacacgtc 39

<210> 13
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 13
ggcccggcg 9

<210> 14
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 14
gcgccggcg 9

<210> 15
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 15
tatagtgggm cggcgtgtca cagtcagtcc acacacgtc 39

<210> 16
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 16
tatagtggmg cggcgtgtca cagtcagtcc acacacgtc 39

<210> 17
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 17
tatagtgggy cggcgtgtca cagtcagtcc acacacgtc 39

<210> 18
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 18
tatagtgggyg cggcgtgtca cagtcagtcc acacacgtc 39

<210> 19
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 19
tatagtgggt cggcgtgtca cagtcagtcc acacacgtc 39

<210> 20
<211> 7

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 20
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 21
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 21
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 22
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 22
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 23
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 23
Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 24
<211> 7
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 24

Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 25

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 25

Arg Ser Asp Asp Leu Ser Gln
1 5

<210> 26

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 26

Arg Ser Asp Asp Leu Thr Arg
1 5

<210> 27

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 27

Arg Ser Asp Asp Leu Thr Gly
1 5

<210> 28

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 28

Arg Ser Asp His Leu Ser Ala
1 5

<210> 29

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 29

Arg Ser Asp Asp Leu Ser Thr
1 5

<210> 30

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 30

Arg Lys His His Arg Lys Glu
1 5

<210> 31

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger
peptide

<400> 31

Tyr Asp Gly Ala Arg Lys Arg
1 5

<210> 32

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger peptide

<400> 32

His Asn Arg Asp Arg Lys Arg
1 5

<210> 33

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger peptide

<400> 33

Thr Asn Ser Thr Arg Thr Lys
1 5

<210> 34

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger peptide

<400> 34

Arg Asn Asp His Arg Lys Thr
1 5

<210> 35

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<220>

<221> misc_feature

<222> (4)

<223> 5-METHYL CYTOSINE

<400> 35

gggncggcg

<210> 36

<211> 9

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 36
gggccggcg

9

<210> 37
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<220>
<221> misc_feature
<222> (3)
<223> 5-METHYL CYTOSINE

<400> 37
ggngcggcg

9

<210> 38
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 38
ggcgcggcg

9